



U.S. PAT. & TM. OFF.

HW

Attorney Docket No. 12505-009  
(formerly 12504-475)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Title: ACTIVE ELECTRONIC DEVICES  
BASED ON GALLIUM NITRIDE AND  
ITS ALLOYS GROWN ON SILICON  
SUBSTRATES WITH BUFFER LAYERS  
OF SiCAlN

Examiner: Stein, Stephen J.

Group Art Unit: 1775

Inventor: Kouvetakis et al.

Serial No.: 10/663,168

Filing Date: September 15, 2003

Conf. No.: 2825

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE AND AMENDMENT**

In response to the Office Action dated August 23, 2004, Applicants hereby submit this Response and Amendment. A shortened statutory period for response of three months was set. With this Response, Applicants have submitted a Petition for Extension of Time requesting a three-month extension of the due date to February 23, 2004 and payment of the required fee.

**IN THE CLAIMS**

Please enter the amendment of claims as set forth below. All of the claims that were and are in the application are set forth in a single version indicating the status of each of the claims, presenting the currently amended claims with markings to show changes that have been made and presenting the text of claims not being amended without any markings:

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